

## CURRICULUM VITAE

### Amber B. Carr

DNA Support Unit  
Federal Bureau of Investigation  
Laboratory Division  
2501 Investigation Parkway  
Quantico, VA 22135  
(703) 632-7514

#### Education

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- 2004                    **Marshall University**  
Master of Science in Forensic Science  
DNA Analysis Concentration  
Huntington, WV
- 2002                    **Virginia Tech**  
Bachelor of Science in Biochemistry  
Minors in Chemistry and Biology  
Blacksburg, VA

#### Professional Experience

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- 7/14 – present                    **Supervisory Biologist**  
Federal Bureau of Investigation  
DNA Support Unit  
Quantico, VA
- 5/12 – 7/14                    **Forensic Examiner – Missing Persons Program Manager**  
Federal Bureau of Investigation  
Nuclear DNA Unit  
Quantico, VA
- 9/08 - 5/12                    **Forensic Examiner**  
Federal Bureau of Investigation  
Nuclear DNA Unit  
Quantico, VA
- 6/04 - 9/08                    **Forensic Biologist**  
Federal Bureau of Investigation  
DNA Analysis Unit I  
Quantico, VA
- 1/04 - 5/04                    **Graduate Assistant**  
Marshall University Forensic Science Center  
CODIS Laboratory  
Huntington, WV
- 5/03 - 8/03                    **Forensic Internship**  
North Carolina State Bureau of Investigation Crime Laboratory  
Molecular Genetics Section  
Raleigh, NC

5/01 - 5/02

**Forensic Internship**

Virginia Division of Forensic Science Western Laboratory  
Biology Section  
Roanoke, VA

**Professional Associations**

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Mid-Atlantic Association of Forensic Scientists

**Professional Training**

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2014	2014 National Institute of Standards and Technology Update - Quantico, VA
2014	Scientific Working Group on DNA Analysis Methods (SWGDM) - Quantico, VA
2013	Scientific Working Group on DNA Analysis Methods (SWGDM) - Dumfries, VA
2013	DNA Mixture Interpretation Workshop & Webcast by National Institute of Standards and Technology
2013	Scientific Working Group on DNA Analysis Methods (SWGDM) - Dumfries, VA
2013	Forensic DNA Statistics by Dr. Bruce Weir - Quantico, VA
2012	Genemapper ID-X Software Training by Applied Biosystems - Quantico, VA
2012	Kinship Analysis by Steven Meyer and Brian Harmon of CAL-DOJ - Richmond, CA
2012	Scientific Working Group on DNA Analysis Methods (SWGDM) - Fredericksburg, VA
2011	Y-STR Training - Quantico, VA
2011	Kinship Analysis Workshop by John Planz of UNT – Quantico, VA
2011	CODIS 7.0 Instructor Led Training - McLean, VA
2011	CODIS 7.0 Computer Based Training - Quantico, VA
2011	Scientific Working Group on DNA Analysis Methods (SWGDM) - Fredericksburg, VA
2010	Kin-Calc Kinship Analysis Training by California-Department of Justice - Quantico, VA
2010	FSS-IBD Kinship Analysis Training by the Forensic Science Service - Quantico, VA
2010	Population Statistics and Forensic DNA Analysis Training - Quantico, VA
2009	mRNA Update by CFSRU of the FBI - Quantico, VA
2009	Touch DNA and Analysis of Data by the ATF - Quantico, VA
2009	NIJ Conference - Crystal City, VA
2009	Y-chromosome STR Lecture by University of Cincinnati - Quantico, VA

## Professional Training cont.

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2008	Prepfil and Quantifiler Duo Software Applications by Applied Biosystems - Quantico, VA
2008	Advanced Technical Human Identification/Kinship Analysis Training for Forensic Applications by Applied Biosystems - Boston, MA
2008	DNA Auditor Training by FBI - Fredericksburg, VA
2007	Single Cell Microdissection and Whole Genome Amplification by the University of Central Florida - Quantico, VA
2007	Introduction to Sperm Hy-Liter Tests for Forensic Laboratories by Independent Forensics - Quantico, VA
2007	ABI 3130/GeneMapper ID Training by Applied Biosystems - Rockville, MD
2007	Multichannel Verification System Training by Artel - Quantico, VA
2006	3130 Genetic Analyzer Training by Applied Biosystems - Quantico, VA
2006	mRNA Profiling for Body Fluids by the University of Central Florida - Quantico, VA
2006	Future Trends in Forensic DNA Technology Seminar by Applied Biosystems - Washington, D.C.
2005	Microfluidic Devices for Genetic Analysis by the University of Virginia - Quantico, VA
2005	Use of mRNA in Forensic Serology Operations by the University of Central Florida - Quantico, VA
2005	Bone Extraction Training by the University of North Texas Health Science Center - Fort Worth, TX
2005	Automation of DNA Project by The BODE Technology Group - Quantico, VA
2005	NIST DNA Profiling Seminar - Quantico, VA
2005	Tecan Robotics Seminar by Tecan - Quantico, VA
2005	Autosomal and Y-chromosome SNP Presentation by Orchid Biosciences - Quantico, VA
2004	Pipette Training Seminar by Artel - Quantico, VA
2002	Fingerprint Impressions by FBI - Huntington, WV
2002	Money Laundering in Drug Law Enforcement by DEA - Huntington, WV
2001	Forensic Issues in the 21 <sup>st</sup> Century by College of Health Science - Roanoke, VA

## Scientific Meetings

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19<sup>th</sup> National CODIS Conference  
Norman, OK November 19-21, 2013

17<sup>th</sup> National CODIS Conference  
Jacksonville, FL November 14-16, 2011

22<sup>nd</sup> International Symposium on Human Identification  
Washington, DC October 3, 2011

Mid-Atlantic Association of Forensic Science Annual Meeting  
Virginia Beach, VA May 26-27, 2011

20<sup>th</sup> International Symposium on Human Identification  
Las Vegas, NV October 13-15, 2009

60<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences  
Washington, DC February 21-22, 2008

Mid-Atlantic Association of Forensic Science Annual Meeting  
Washington, DC May 24, 2007

11<sup>th</sup> National CODIS Conference  
Crystal City, VA November 7-8, 2005

56<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences  
Dallas, TX February 16-21, 2004  
- Young Forensic Scientists Forum

Chesapeake Bay Division of the International Association for Identification Conference  
Roanoke, VA April 5, 2003

55<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences  
Chicago, IL February 17-22, 2003  
- Murder by Poison & Poisoners Throughout History Workshop  
- Young Forensic Scientists Forum

Chesapeake Bay Division of the International Association for Identification Conference  
Ocean City, MD November 8-9, 2002  
- Crime Scene Workshop

## Presentations and Abstracts

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"Blood & Body Fluid Collection and Handling of DNA Evidence", Evidence Response Team Basic Training. September 22, 2009 and August 10, 2010.

Bonham, Amber R., and Thomas O. Sitz. "Guanine-7-Methyltransferase: Active Site Labeling with RNA and DNA." Virginia Journal of Science 53, No. 2 (2002): 84.

Bonham, Amber R., and Thomas O. Sitz. "Active Site Labeling of Guanine-7-Methyltransferase." Virginia Journal of Science 52, No. 2 (2001): 103-104.

## Court Qualifications

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Qualified as an expert witness in Federal and State Jurisdictions in the fields of Forensic Serology and DNA Analysis.